



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide



Searching within **The ACM Digital Library** with **Advanced Search**: (paint and sample and display hue and chromatic) ([start a new search](#))

Found **4** of **258,874**

REFINE YOUR SEARCH Search Results

▼ **Refine by Keywords**

Discovered Terms

▼ **Refine by People**

[Names](#)
[Institutions](#)
[Authors](#)

▼ **Refine by Publications**

[Publication Year](#)
[Publication Names](#)
[Content Formats](#)

Results 1 - 4 of 4

Sort by in

[Save results to a Binder](#)

1 [High dynamic range imaging](#)

[Paul Debevec, Erik Reinhard, Greg Ward, Sumanta Pattanaik](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (20.22 MB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 57, Downloads (12 Months): 647, Citations

Current display devices can display only a limited range of contrast and is one of the main reasons that most image acquisition, processing, and techniques use no more than eight bits per color channel. This course o recent ...

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

Please provide us with feedback

Found **4** of **258,874**

2 [Level set and PDE methods for computer graphics](#)

[David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, R](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (17.07 MB) Additional Information: [full citation](#), [abstract](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 115, Downloads (12 Months): 1000, Citations

Level set methods, an important class of partial differential equation (PDE) define dynamic surfaces implicitly as the level set (iso-surface) of a scalar function. The course begins with preparatory material that introduces

3 [The elements of nature: interactive and realistic techniques](#)

[Oliver Deussen, David S. Ebert, Ron Fedkiw, E. Kenton Musgrave, Przemyslaw Prusinkiewicz, Doug Roble, Jos Stam, Jerry Tessendorf](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (17.65 MB) Additional Information: [full citation](#), [abstract](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 139, Downloads (12 Months): 1411, Citations


This updated course on simulating natural phenomena will cover the latest and production techniques for simulating most of the elements of nature. Presenters will provide movie production, interactive simulation, and new perspectives ...

4 [Crossing the line: moving from film to games and possibly back](#)

Video files associated with this course are available from the citation

Evan Hirsch, Rick Stringfellow, Paul Amer, Brien Goodrich, Jamie Marshall,
August 2007 **SIGGRAPH '07**: SIGGRAPH 2007 courses

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (4.52 MB) Additional Information: [full citation, appendices and s](#)
[references](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 184, Citatic

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows Media Player  Real Player



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide



Searching within **The ACM Digital Library** with **Advanced Search**: (color and sample and display chromatic) ([start a new search](#))

Found **9** of **258,874**

REFINE YOUR SEARCH

[Search Results](#)

[Related Journals](#)

[Related SIGs](#)

[Related Conferences](#)

Results 1 - 9 of 9

Sort by

▼ [Refine by Keywords](#)

Discovered Terms

▼ [Refine by People](#)

[Names](#)
[Institutions](#)
[Authors](#)
[Reviewers](#)

▼ [Refine by Publications](#)

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)

▼ [Refine by Conferences](#)

[Sponsors](#)
[Events](#)
[Proceeding Series](#)

[Save results to a Binder](#)

- 1** [Hand Tracking Using Spatial Gesture Modeling and Visual Feedback](#)
[Andy Cassidy, Dan Hook, Avinash Baliga](#)
October 2002 **ICMI '02: Proceedings of the 4th IEEE International Conference on Interfaces - Volume 00**, Volume 00

Publisher: IEEE Computer Society

Full text available: [Pdf](#) (113.01 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation C

The ability to accurately track hand movement provides new opportunities for human-computer interaction (HCI). Many of today's commercial hand tracking devices are cumbersome and expensive. An approach that avoids these problems is

- 2** [High dynamic range imaging](#)

[Paul Debevec, Erik Reinhard, Greg Ward, Sumanta Pattanaik](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (20.22 MB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 57, Downloads (12 Months): 647, Citation C

Current display devices can display only a limited range of contrast and color. The main reasons that most image acquisition, processing, and display techniques are limited to eight bits per color channel. This course outlines recent ...

- 3** [Level set and PDE methods for computer graphics](#)

[David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ravi Ramamoorthi](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (17.07 MB) Additional Information: [full citation](#), [abstract](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 115, Downloads (12 Months): 1000, Citation C

Level set methods, an important class of partial differential equation (PDE) methods, implicitly define surfaces as the level set (iso-surface) of a sampled, evolving scalar field. This course begins with preparatory material that introduces the ...

- 4** [The elements of nature: interactive and realistic techniques](#)

[Oliver Deussen, David S. Eberl, Ron Fedkiw, E. Kenton Musgrave, Przemyslaw Muschler, Jos Stam, Jerry Tessendorf](#)
August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found **9** of **258,874**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (17.65 MB)

Additional Information: [full citation](#), [abstract](#), [cit](#)

Bibliometrics: Downloads (6 Weeks): 139, Downloads (12 Months): 1411, Citations: 1

This updated course on simulating natural phenomena will cover the latest techniques for simulating most of the elements of nature. The presenter discusses production, interactive simulation, and research perspectives ...

5 [Model and representation: the effect of visual feedback on human perception of a color picker interface](#)



Sarah A. Douglas, Arthur E. Kirkpatrick

April 1999 **Transactions on Graphics (TOG)**, Volume 18 Issue 2

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (516.54 KB)

Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 100, Citations: 1

User interfaces for color selection consist of a visible screen representing the underlying conceptual organization of the color model. We report a subjects variable experiment that tested the effect ...

Keywords: HSV, RGB, color model, color selection, feedback, mental model

6 [On seeing and rendering colour gradients](#)



Alexa L. Ruppertsberg, Anya Hurlbert, Marina Bloj

July 2007 **APGV '07: Proceedings of the 4th symposium on Applied perception visualization**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.52 MB)

Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 60, Citations: 1

Ten years ago Greenberg and colleagues presented their framework for [Greenberg et al. 1997], aiming "to develop physically based lighting and rendering procedures for computer graphics that will produce ...

Keywords: RADIANCE, colour accuracy, global illumination, gradients, reflections, luminance, psychophysics, shading, visual perception



7 [Exploiting perception in high-fidelity virtual environments](#)



Additional presentations from the 24th course are available on 1

Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Die July 2006 **SIGGRAPH '06: SIGGRAPH 2006 Courses**

Publisher: ACM  [Request Permissions](#)

Full text available:  Mov (68:6 MIN),  Pdf (5.07 MB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 143, Downloads (12 Months): 1352, Citations: 1

The objective of this course is to provide an introduction to the issues that

building high-fidelity 3D engaging shared virtual environments. The prior guide important development of algorithms and techniques ...

Keywords: collaborative environments, haptics, high-fidelity rendering interaction, multi-user, networked applications, perception, virtual reality

8 [Lighting Transfer Functions Using Gradient Aligned Sampling](#)

[Eric B. Lum](#), [Kwan-Liu Ma](#)

October 2004 **VIS '04**: Proceedings of the conference on Visualization '04

Publisher: IEEE Computer Society

Full text available:  [Pdf](#) (393.11 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 44, Citation

An important task in volume rendering is the visualization of boundaries typically accomplished using transfer functions that increase opacity based on gradient. Lighting also plays a crucial role in illustrating ...

Keywords: direct volume rendering, volume visualization, multi-dimensional shading, transfer functions


9 [Crossing the line: moving from film to games and possibly back](#)



Video files associated with this course are available from the citation

[Evan Hirsch](#), [Rick Stringfellow](#), [Paul Amer](#), [Brien Goodrich](#), [Jamie Marshall](#), August 2007 **SIGGRAPH '07**: SIGGRAPH 2007 courses

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (4.52 MB) Additional Information: [full citation](#), [appendices](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 184, Citation

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [RealPlayer](#)



Edit an existing query or compose a new query in the Search Query Display.

Thu, 24 Sep 2009, 1:20:05 PM EST

Search Query Display



Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

- #1 (((color <and> paint <and> card <and> display <and> hue <and> (chromatic <or> chroma <or> chromaticity))) <in>metadata)
- #2 (((paint <and> card <and> display <and> hue <and> (chromatic <or> chroma <or> chromaticity))) <in>metadata)
- #3 (((color <and> card <and> display <and> hue <and> (chromatic <or> chroma <or> chromaticity))) <in>metadata)

